

Determination of Carbonyl Groups in Cellulose
by the Sodium Borohydride Reduction Method, by 59
A. Sugimatsu, S. Ishara.

JAPANESE, per, J. Japan Tech. Assoc. Pulp
Paper Ind. Vol 14, No 8, Aug 1960, pp 516-521.
Chem Trans Sv 2652

A. Sugimatsu

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Sci - Chemistry

Sugimatsu, A. and Yabara, S.
DOSAGE DU GROUPE CARBONYLE DE LA CELLULOSE À L'AIDE DE LA MÉTHODE DE RÉDUCTION AU BOROHYDRAURE DE SODIUM (Determination of Carbonyl Groups in Cellulose by the Sodium Borohydride Reduction Method). 11p. FX-1174.
Order from OTS, ETC or CNRS \$0.80 62-26471

Trans. *In French* of Kami-pa Gikyoshu (Japan) 1960, v. 14, no. 113 [p. 516-521].

DESCRIPTORS: *Wood pulp, *Cellulose, *Carbonyl radicals, Quantitative analysis, Reduction, *Borohydrides, Sodium compounds.

(Materials--Wood, TT, v. 10, no. 9)

62-26471

- I. Sugimatsu, A.
- II. Yabara, S.
- III. F/X-1174
- IV. Centre National de la Recherche Scientifique, Paris (France)

11-20001

Office of Technical Services

On the Nymph and Larva of the Formosan Large 72
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HEW NIH No 4-1-66

Sugimoto, M.

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ASLIB-0858

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Sugimoto, Kyuichi and Kondo, Hideo.
PREPARATION OF LOW-VISCOSITY MILK OF LIME.
[1960] 6p.
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Trans. of Japanese patent report publication no.
2619/55, 15F 222, pub. 21 Apr 55, applied for
6 Feb 53. patent application 1984/53., by Asahi Glass
Co., Inc., Tokyo.

Quicklime is slaked to form milk of lime, and the sus-
pension of slaked lime particles or milk of lime is used
as slaking liquid.

- I. Calcium oxides--Physical properties
2. Title: Milk of lime
- I. Sugimoto, K.
- II. Kondo, H.
- III. Patent (Japan) pub. 30-2619

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(Chemistry--Inorganic, TT, v. 5, no. 2)

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pp 1168-1178. 989387
DEC NSC-319

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EXTRACTION OF VOICE PITCH FROM THE VIBRA-
TIONS OF THE OUTER SKIN OF THE TRACHEA.
[1961] 5p. 2 refs.
Order from SLA \$1.10

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Trans. from [Symposium on Pitch Extraction from the
Voice] in p. , n. d.

DESCRIPTORS: *Speech transmission, Sound trans-
mission, Intelligibility, *Pitch discrimination,
*Microphones, Vibration, Frequency modulation,
*Voice communication systems, Skin.

Experiments showed that the pitch can be extracted
more accurately from the vibrations of the outer skin
of the trachea than from the voice itself. In this way
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v. 7, no. 9) (over)

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II. Hiki, S.

206162

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(NY-3000)

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No 7, 1961, pp 15-18.

JPRS 12039

181.337

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Reorganization of Production and Plan-
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K. Sugimura

Sci-BM
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Technical Journal, Japan, Vol XI, No 2, 1962, pp 327-368.
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DESCRIPTORS: *Electrochemistry, Organic compounds.
Cathodes (Electrolytic cell), Reduction, Mercury elec-
trodes, Catalysis, Electrolytes, Anodes (Electrolytic
cell), Oxidation, Free radicals, Bibliography.

(Chemistry--Organic, TT, v. 9, no. 1)

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or Film, N. Yonetani, N. Sugino, H. Izumi.
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Bethesda, Maryland

A11660

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The heterochromatic brightness L of colored samples which have similar luminous reflectance Y was measured by using the gray scale, and the equal L/Y curves were drawn on the chromaticity diagram. The results obtained by two observers did not always coincide and there were some differences among the brightness levels. Though Y values are same, everyone judges generally that blue colors are more bright than yellow colors and the bluer the color, the brighter it appears. These results were caused by uncertainties in the luminosity curve and by the non-linearity of the responses of receptors in the eyes.

(Physics--Optics, TT, v. 5, no. 4)

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FE - Japan
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